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**(54) POLYNUCLEOTIDE FOR DETECTING  
BACILLUS ANTHRACIS AND METHOD FOR  
DETECTING BACILLUS ANTHRACIS USING  
THE SAME**

(57) Abstract:

**PURPOSE:** To obtain a new polynucleotide having high specificity as a DNA probe for detecting *Bacillus anthracis*.

**CONSTITUTION:** This polynucleotide is complemen-

tary to a nucleotide sequence capable of coding a *capA* gene of a plasmid of *Bacillus anthracis* and has a sequence group expressed by the formula or a complementary sequence corresponding thereto. The polynucleotide is obtained by chemical synthesis.

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AGGCTTTAAACAAACCTGATCTTCACTAATGCGCTGCGAAATTTCAGAAAGATGAAATTT  
ATTCGTTATCAAAATATGAAATGCGTTACCGCTTGCGTACTGCTGCGATTTACAGATGCGATTTGAA  
GCAGGAGCTTATTCGAACCGAAAGAAACAAACCGAGGTTCTGTTAAGTGTGAAACCCAGATGTTATGCTT  
AAGCCTAAATTACTAAGGCAAAAGGATCCG